"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M.T.

Nitrogen profile and amino-acid composition of blood serum of foals at different age. M. T. Taranov. *Konevodstvo* 1953, No. 10, 9-14; *Referat. Zhur., Khim.* 1954, No. 40535; cf. *C.A.* 48, 10870*e*.—In order to find the best time for the sepn. of foals from their mothers the protein metabolism, in particular the N profile and amino acid compn. of the blood serum, have been studied in foals of 5, 6, and 7 months of age. It was found that at the age of 6 months changing of the milk feeding to nonmilk feeding of the animals showed no significant differences in the refraction of the serum, the total N, protein N, residual N, and amino N of the serum or the amino N compn. of the protein-free filtrate of the serum. The amts. of glycine, arginine, tyrosine, phenylalanine, tryptophan, cystine, and methionine in the blood serum of 5 month old foals-sucklings were close to the amts. of these amino acids found in the blood serum of the animals sepd. from their mothers. B. W.

MD

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M.T.

Latent forms of melanosarcoma. M. T. Taranov. *Veterinariya* 33, No. 8, 29-30 (1956). — The following test for detn. of latent melanosarcoma is described. The blood serum samples of healthy and diseased horses (10-20 ml.) are placed into vertical graduated cylinders and onto the surface of the serum there is deposited 2 ml. 1% pyrogallol, the cylinders are kept 2-3 hrs. at room temp. The serum of the diseased horse shows the penetration of black color usually at least twice as great as observed with the healthy specimen. The reaction is based on higher activity of the enzyme systems in melanosarcoma. G. M. K

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

USSR / Farm Animals. General Problems

Abs Jour : Ref Zhur.-Biol., No 6, 1958, 26098

Author : Shmanenkov N.I., Teranov M.T.

Inst : Not given

Title : A Chemical Method for the Preservation of Corn Fodder (Khimichoskiy sposob konservirovaniya kuduruznykh korrov)

Orig Pub : Kukuruza, 1957, No 4, 424-46

Abstract : For the preservation of green fodder, a preparation C-2 consisting of 8% HCl and of 27% H_2SO_4 was devised. Preservation by means of C-2, as compared with usual ways of ensilage which preserve 2.5 kh. of protein per 1 t. of green corn and 19.1 kg. of carbohydrates per 1 t. of corncobs, preserves 5.1 and 46.4 kg. respectively. Working solution

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

USSR / Farm Animals. General Problems Q-1

Abs Jour : Ref Zhur-Biol., No 6, 1958, 26098

Abstract : contains 1 liter of the preparation per 6,5 liters of water. To preserve one ton of corn fodder, 30-50 liters of working solution must be used.

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

USSR/Farm Animals. Horses.

Abs Jour: Ref Zhur-Biol., No 20, 1956, 92561.

Author : Taranov, M., Chalyuk, E., Mel'nikova, T.
Inst :
Title : Feeding Horses with Preserved Fodder.

Orig Pub: Konevodstvo, 1957, No 9, 39-41.

Abstract: Feeding horses with preserved alfalfa (mares with sucking colts) and preserved corn (work horses and young horses) increased the coefficient of nitrogen utilization in the cooked substances (by 4 to 6%) and the daily protein store (by 50 to 120 grams).

Card : 1/1

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

SHULNIKOV, N.A.; TARASOV, M.T.; GAZDAROV, V.M.

Age characteristics of protein substances in the blood of horses. Trudy Inst. morf. zhiv. no.22:243-248 '57. (MIRA 11:4)

1. Institut konevodstva.
(Horses) (Blood proteins)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

SHMANENKOV, N., prof.; TARANOV, M., kand. biolog. nauk

Miraculous powder. Nauka i pered. op. v sel'khoz. 9 no.7:42-43 Jl '59. (MIRA 12:11)
(Grain--Storage) (Sodium pyrosulfite)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

COUNTRY : USSR
CATEGORY : Farm Animals.
General Problems.
ABS. JOUR. : RZhBiol., No. 3 1959, No. 11950

AUTHOR : Shuchenkov, N. A.; Taranov, M. T.; Gazdarov,
INST. :
TITLE : Feeding Cows and Horses with Fodder Preserved by Mineral Acids.

ORIG. PUB. : Vestn. s.-kh. nauki, 1958, No 2, 59-72

ABSTRACT : By preserving fodder with acid preparations, the retention of nutritive substances and vitamins is largely assured. When feeds which were preserved with K2 and AIV preparations were fed to animals in quantities corresponding to the usual silage norms, an adverse effect on the animals' condition and production was not established. Mares digested rations containing preserved feeds not less well than nutritive substances contained in the usual rations and young animals digested them even

CARD: 1/3

*V. M.; Chalyuk, Ye. A.; Mel'nikova, P. S.; Kostromina, V. P.; Marina, M. A.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

: USSR

: Referat. Zh.-Biol., No. 1959, No.

:
:
:

PUB. :

ABSTRACT : a little better. Cellulose digestion in a ration which contained preserved corn was 7 percent higher than in a ration containing corn silage, N, Ca and P balance was positive in horses and cows which were given preserved feeds. The full biological value of protein in preserved lucerne amounted to 51 percent, of corn to 43.5 percent, and in controls to 41.5 and 39.8 percent, correspondingly. A disturbance of the general metabolism and physio-

CARD: 2/3

5

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

CATEGORY :

ABS. JOUR. : Referat. Zhur. Biol., No. 1959, Ab.

AUTH. :

TITLE :

ORIG. PUB. :

ABSTRACT : Tropical stress was not observed in experimental animals. The sodium-alkali balance was within the norm if 4-5 g of chloride per liter of preserved feeds were given. The acidity tended to become increased. -- A. D. Kasin

CARD: 3/3

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

SHMANENKOV, N., prof. ; TARANOV, N., kand. biol. nauk

Chemical conservation of clover and alfalfa. Nauka i pered. op. v sel'khoz. 8 no. 7:54-56 Jl '58. (MIRA 11:8)
(Clover)
(Alfalfa)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M.T., kand.biologicheskikh nauk; MEL'NIKOVA, T.S., kand. sel'skokhozyaystvennykh nauk; MARKOV, A.K.; AKSENOVA, L.N.; ZAYARKO, I.N.; ANIKEYEV, I.S.; PRIPUTNEV, V.S.

Chemical preservation of forage grain of high moisture content. Zemledelie 8 no.9:53-57 S '60. (MIRA 13:8)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konevodstva (for Taranov). 2. Vsesoyuznyy institut zhivotnovodstva (for Mel'nikova). 3.Glavnyy agronom 98-go konnogo zavoda Ryazanskoy oblasti (for Markov). 4. Glavnyy vetvrach 98-go konnogo zavoda Ryazanskoy oblasti (for Aksenova). 5. Zaveduyyshchiy zernoskladami 98-go konnogo zavoda Ryazanskoy oblasti (for Zayarko). 6. Nachalnik elevatorno-skladskogo otdela Ryazanskogo upravleniya Khleboproduktov (for Anikeyev). 7. Direktor Rybnovskogo khlebopriyemnogo punkta Ryazanskoy oblasti (for Priputnev).

(Grain--Storage) (Sodium pyrosulfite)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M., kand.biol.nauk; ANIKEYEV, I.; PRIPUTNEV, V.; MARKOV, A.

Chemical preservation of grain in Ryazan Province. Muk.-elev.prom. 26 no.1:14-16 Ja '60. (MIRA 13:6)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut konevodstva (for Taranov). 2. Nachal'nik elevatorno-skladskogo otdela Ryazanskogo upravleniya khleboproduktov (for Anikeyev). 3. Direktor Rybnovskogo khlebopriyemnogo punkta (for Priputnev). 4. Glavnyy agronom 98-go konnogo zavoda Ryazanskoy oblasti (for Markov).
(Ryazan Province--Grain--Storage)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M., kand.biologicheskikh nauk; FADEYEV, B.; PROKHOROV, M.

Chemical preservation of forage corn with a high moisture content. Muk.-elev. prom. 28 no.10:7-8 O '62. (MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziologii i biokhimii sel'skokhozyaystvennykh zhivotnykh (for Taranov).
2. Timashevskiy kukuruzoobrabatyvayushchiy i khlebopriyemnyy kombinat (for Fadeyev, Prokhorov).
(Corn (Maize)--Storage) (Sodium pyrosulfites)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, Makar Timofeyevich, kand. biol. nauk; KANDYBIN, M., red.

[Chemical preparation of feed silage] Khimicheskoe silosovanie kormov. Kaluga, Kaluzhskoe knizhnoe izd-vo, 1963. 98 p. (MIRA 17:11)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M.T.

Chemical preservation of fodder with a high moisture content.
Izv. AN SSSR. Ser. biol. no.6:808-829 N-D '63.
(MIRA 17:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziologii i biokhimii sel'skokhozyaystvennykh zhivotnykh.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M.T.

Problems of chemicalization of the animal husbandry. Zhur. prikl. khim. 36 no.12:2784-2787 D'63. (MIRA 17:2)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

POLYAKOV, A.A., prof.; TARANOV, M.T., kand. biolog. nauk; POLOZNOV, N.A., veterin. vrach; CHEREZOVA, T.Ye., veterin. vrach; KRYUCHKOV, I.I.; LILENKOV, I.P., kand. veterin. nauk; PETUKHOVA, Ye.A., kand. sel'skokhoz. nauk; KHALENEVA, L.D., kand. sel'skokhoz. nauk; BOCHAROV, D.A., kand. sel'skokhoz. nauk

Sanitation and veterinary hygiene. Veterinariia 41 no.2: 84-99 F '64. (MIRA 17:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut veterinarnoy sanitarii (for Polyakov). 2. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziologii i biokhimii sel'skokhozyaystvennykh zhivotnykh (for Taranov). 3. Kalininskaya nauchno-proizvodstvennaya veterinarnaya laboratoriya (for Poloznov, Cherezova). 4. Zaveduyushchiy Rshevskoy veterinarnoy laboratoriyey, Kalininskaya oblast((for Kryuchkov). 5. Arzamasskaya veterinarnaya laboratoriya, Gor'kovskoy oblasti (for Lilenkov). 6. Moskovskaya veterinarnaya akademiya (for Petukhova, Khaleneva). 7. Moskovskiy tekhnologicheskiy institut myasnoy i molochnoy promyshlennosti (for Bocharov).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, M.T., kand. biolog. nauk

Chemical method for the preservation of feed antibiotics.
Veterinariia 41 no.9:96-97 S '64. (MIRA 13:4)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut fiziologii i biokhimii sel'skokhozyaystvennykh zhivotnykh.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARAKOV, Makar Timofeyevich, kand. biol. nauk; GOLOVA, A.N., red.

[Chemical preservation of feeds] Khimicheskoe konservirovanie kormov. Moskva, Kolos, 1964. 198 p. (MIRA 18:9)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, N.F., inzh.

Automated mortar plant serves more than 100 construction projects.
Mekh. stroi. 20 no.6:14 Je '63. (MIRA 16:5)
(Mortar)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

FEDYNSKIY, V.V., doktor fiz.-matem. nauk, prof., otv. red.; BALLAKH, I.Ya., red.; PIOTROVSKIY, V.V., kand. geogr. nauk, red.; TARANOV, N.I., red.; CHIZHEVSKIY, A.L., prof., red.; KUMKES, S.N., red.; CHERNYKH, M.P., mlad. red.

[Earth in the universe] Zemlia vo vselennoi. Moskva, Izd-vo "Mysl'," 1964. 490 p. (MIRA 17:10)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 19777-66 EWT(l)/FS(v)-3 DD

ACC NR: AP5028174 SOURCE CODE: UR/0239/65/051/011/1351/1355

AUTHOR: Taranov, N. I. (Moscow); Panferova, N. Ye. (Moscow)

ORG: none

TITLE: Changes in the working capacity of muscle after exposure of man to hypokinetic conditions

SOURCE: Fiziologicheskiy zhurnal SSSR, v. 51, no. 11, 1965, 1351-1355

TOPIC TAGS: human working capacity, human muscle, muscle bioelectric activity, muscular inactivity, ergometer

ABSTRACT: Changes in man's ability to perform physical work after confinement to conditions of limited mobility were investigated. The experimental conditions duplicate the type of limitation of muscular activity that may be encountered on long space flights. Healthy males 20—25 yr old were placed in a special chair or in water to produce muscular inactivity. The experiment lasted 2—11 days, with examination of the subjects during the 3 days preceding and for several days after completion of the experiment. The working tempo was set by a metronome (30 or 60 beats/min). Two kinds of work were performed: 1) work on a wrist ergometer, with maximum force applied throughout; and 2) work on a shoulder ergometer, consisting of lifting a 5-kg weight to a height of 50 cm. Refusal of the subject to continue because of fatigue signaled the end of the work period. Electromyograms

Card 1/2 UDC: 612.76+612.744.2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 19777-66
ACC NR: AP5028174

and electroergograms of the shoulder and forearm muscles were taken during experimental and control periods. It was found that limitation of muscular activity impairs the functional condition of the human motor apparatus. Functional changes in the muscular system during dynamic work are characterized by the more rapid onset of fatigue. In addition, the quality of dynamic work after confinement decreases as evidenced by the decrease in the force of muscular contractions and the disruption of the rhythmic character of work performed. The bioelectric activity of working muscles after a 1—3-day stay in confined conditions increased 1.5—2 times. However, when subjects were kept longer in a state of muscular inactivity, the bioelectric activity of their working muscles decreased as compared with control values (taken before the experiment). These changes in muscular function were normalized 3—5 days after the end of the experiment. Orig. art. has: 2 tables and 2 figures. [JS]

SUB CODE: 06/ SUBM DATE: 28Feb64/ ORIG REF: 004/ OTH REF: 001/ ATD PRESS: 4164

Card 2/2 ULR

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, O.N.

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39198

Author : Dobrunov, L.G., Gladysheva, O.N., Starkova, A.V., Polimbetova, F.A., Taranov, O.N.

Inst : Institute of Botany, Academy of Sciences KazakhSSR

Title : Increase in Drought Resistance and Yield Capacity of Wheats in the New Land Reclamation Zone of Northern Kazakhstan.

Orig Pub : Fiziol. rasteniy, 1957, 4, No 2, 205-208.

Abstract : The increase in wheat drought resistance by using B, [illegible] and by hardening seeds against drought before sowing (drying the seeds and treating them by calcium chloride) was studied by the Institute of Botany of the AS KazakhSSR. The method which was studied has brought about important changes in physiological processes

Card 1/2

- 26 -

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 9, 1958, 39198

(intensity of transpiration, concentration of the cell fluid), as a result of which, the water ratio in plants was improved. The [illegible] utilization of the [illegible] increased the yield of wheat by 12-17 [illegible] the hard wheat reacted better than the soft type. -- V.A. Vinokurova

Card 2/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24820

Author : Taranov, O. N.
Inst : Academy of Sciences KazSSR, Institute of Botany.
Title : Physiologico-Biochemical Characteristics of Spring Wheat in Relation to Developmental Conditions and Extra-Root Nutrition.
Orig Pub : Vestn. AN KazSSR, 1957, No. 7, 37-48

-3-

Abstract : In experiments by the Institute of Botany AS KazSSR in Akmolinskaya Oblast, substantial differences in wheat cultivation, layer and fallow, were observed in the metabolism, growth and organic-formation processes of the plant. The highest productivity in the 1st year may be explained by a better development of the root system, by a

Card : 1/5

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24820

Author :
Inst :
Title :

Orig Pub :

Abstract : higher level of metabolism and also by a more complete mobilization of carbohydrates and nitrogen substances of the vegetative organs for the ripening of the grain. The decrease of the harvest yield at layer rota ion and the 3rd cultivation require supplementation of the existing conditions of agricultural engineering by new methods. PK and B, applied

Card : 2/5

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. K

Abs Jour : RZhBiol., No 6, 1959, No 24820

Author :
Inst :
Title :

Orig Pub :

Abstract : outside the roots, proved to be more effective in the phase of inflorescence, and NPK - in the phase of tubule formation and ripening of the grain. Absorption of nutritive salts by the leaves, especially the top leaves, and by the spikes, and the further utilization of them by the plant stimulate metabolic processes which assist in the more favorable ripening of

Card : 3/5

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24820

Author :
Inst :
Title :

Orig Pub :

Abstract : the grain and a larger increase of the harvest. Hard wheat is more susceptible to treatment outside the roots. A unilateral nitrogen treatment during the phase of grain ripening brought about an increase of the ratio between the sucrose and mannose and decreased the mobilization of carbohydrates in the ripening of the grain. Potassium fertilization, on the contrary, secured in a short

Card : 4/5

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Country : USSR
Category : Cultivated Plants. Cereals. Leguminous Plants. Tropical Cereals. M

Abs Jour : RZhBiol., No 6, 1959, No 24820

Author :
Inst :
Title :

Orig Pub :

Abstract : time the intensity of synthetic activity and accumulation of starch in the spike. The bibliography consists of 14 titles. — M. V. Dranishnikov

Card : 5/5

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, O.N

Ontogenetic changes of physiological processes in durum and soft wheat. Trudy Inst. bot. AN Kazakh. SSR. 12:39-51 '62.
(MIRA 15:5)

(Virgin territory - Wheat - Varieties)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, O.N.; SAYMASAYEV, S.S.; KOLOKOL'NIKOVA, I.Y.

Effect of presowing irradiation of seeds by gamma-rays of [illegible] on the growth, development and productivity of spring wheat. Trudy Inst.bot.AN Kazakh.SSR 20:128-138 '64.

(MIRA 18:1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, O.N.

Processing gamma irradiation of seeds for the purpose of stimulating the growth and increasing the leaf productivity of tabacco. Trudy Inst.bot.AN Kazakh.SSR 20:139-143 '64.

(MIRA 18:1)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANTO, P. E.

Parametron. Fiz mat spisanie BAN 6 no. 2:139-152 '63.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, P. Ya. (Cand. Tech. Sci.)

"On the Article by A. I. Medvedko, 'Formula of Drilling,'" Gor. Zhur., No. 8, 1948.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, P. YA. Docent

PA 20/49T70

USSR/Engineering Sep 48
Blasting
Mathematics, Applied

"Analysis of a Method for Deriving a Formula to Calculate Blasting Charge Friability," Docent P. Ya. Taranov, Donets Ind Inst, 5½ pp

"Ugol'" No 9 (270)

Discusses merits of various formulas.

[redacted] 20/49T70

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, P.Ya., dotsent.

Electric blasting used in sinking vertical shafts. Ugol' 29 no.11: 10-14 '54. (MLRA 7:11)

1. Donetskiy industrial'nyy institut.
(Shaft sinking) (Blasting)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

PROGNIMAK, B.Ya., gornyy inzhener; TARANOV, P.Ya., dotsent, kandidat tekhnicheskikh nauk; LIPSHITS, I.B.; GREYER, V.G., professor

Remarks on IU.I. Levitskii's article: "Pressing problems of the coal industry". Ugol' 30 no.4:40-42 ap '55. (MLRA 8:6)

1. DonUGI (for Prognimak) 2. Donetskiy industrial'nyy institut (for Taranov) 3. Nachal'nik planovogo otdela shakhty No.42 "Kapital'naya" tresta Kopeyskugol' (for Lifshits)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, P.Ya., dots.

Mechanized twin entry mining in panel development of thin flat seams for a full retreat system of working. Izv.vys.ucheb.zav.; gor. zhur. no.5:3-12 '58. (MIRA 12:1)

1. Donetskiy industrial'nyy institut.
(Coal mines and mining)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV I.Ya.

ANDROS, I.P., inzh.; ASSONOV, V.A., kand. tekhn. nauk.; BERNSHTEYN, S.A., inzh.; BOKIY, B.V., prof.; BROVMAN, Ya.V., inzh. BONDARENKO, A.P., inzh.; BUCHNEV, V.K., kand. tekhn. nauk; VERESKUNOV, G.P., kand. tekhn. nauk; VOLKOV, A.F., inzh.; GELESKUL, M.N., kand. tekhn. nauk; GORODNICHEV, V.M., inzh.; DEMENT'IEV, A.Ia., inzh.; DOKUCHAYEV, M.M., inzh.; DUBNOV, L.V., kand. tekhn. nauk; ZEPIFANTSEV, Yu.K., kand. tekhn. nauk.; YERASHKO, I.S., inzh.; ZHDANOV, S.A., kand. tekhn. nauk; ZIL'BERBROD, A.F., inzh.; ZINCHENKO, N.M., inzh.; ZORI, A.S., inzh.; KAPLAN, L.B., inzh.; KATSAUROV, I.N., dots.; KITAYSKIY, E.Y., inzh.; KRAVTSOV, Ye.P., inzh.; KRIVOROG, S.A., inzh.; KRINITSKIY, L.M., kand. tekhn. nayk; LITVIN, A.Z., inzh.; MALEVICH, N.A., kand. tekhn. nauk; MAN'KOVSKIY, G.I., doktor tekhn. nauk; MATKOVSKIY, A.L., inzh.; MINDELI, E.O., kand. tekhn. nauk; NAZAROV, P.P., kand. tekhn. nauk; NASONOV, I.D., kand. tekhn. nauk; NEYMENBURG, V.Ye., kand. tekhn. nauk; POKROVSKIY, G.I., prof., doktor tekhn. nauk; PROYAVKIN, E.T., kand. tekhn. nauk; ROZENBAUM, inzh.; ROSSI, B.D., kand. tekhn. nauk; SEMEVSKIY, V.N., doktor tekhn. nauk; SKIRGELLO, O.B., inzh.; SUKHUT, A.A., inzh.; SUKHANOV, A.F., prof., doktor tekhn. nauk; TARANOV, I.Ya., kand. tekhn. nauk; TOKAREVSKIY, D.I., inzh.; TRUPAK, N.G., prof., doktor tekhn. nauk; FEDOROV, S.A., prof., doktor tekhn. nauk; FEDYUKIN, V.A., inzh.; KHOKHLOVKIN, D.M., inzh.; KHRABROV, N.I., kand. tekhn. nauk; CHEKAREV, V.A., inzh.; CHERNAVKIN, N.N., inzh.; SHREYBER, B.P., kand. tekhn. nauk; EPOV, B.A., kand. tekhn. nauk; YAKUSHIN, N.P., kand. tekhn. nauk; YANCHUR, A.M., inzh.; YAKHONTOV, A.D., inzh.; POKROVSKIY, N.M., otvetstvennyy red.; KAPLUN, Ya.G. [deceased], red.; MONIN, G.I., red.; SAVITSKIY, V.T.,

(Continued on next card)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

ANDROS, I.P.----(continued) Card 2.
red.; SANOVICH, P.O., red.; VOLOVICH, M.Z., inzh., red.; GORITSKIY, A.V., inzh., red.; POLUYANOV, V.A., inzh., red.; PADKIKH, Z.I., inzh., red.; CHECHKOV, L.V., red. izd-va; PROZOROVSKAYA, V.L., tekhn. red.; NADEINSKAYA, A.A., tekhn. red.

[Mining; an encyclopaedic handbook] Gornoe delo; entsiklopedicheskii spravochnik. Glav. red. A.M. Terpigorev. Moskva, Gos. nauchno-tekhnicheskoe izd-vo lit-ry po ugol'noi promyshl. Vol.5 [Mining and timbering] Provedenie i krepienie gornykh vyrabotok. Red-kollegiia tom: N.M.Pokrovskii... 1958. 464 p. (MIRA 11:7)

(Mine timbering) (Mining engineering)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, Petr Yakovlevich; PAVLOV, K.V., otvetstvennyy red.; SAVIN, M.M., red. izd-va; ALADOVA, Ye.I., tekhn. red.

[Using explosives in mining] Burovzryvnye raboty. Moskva, Ugletekhizdat, 1958. 370 p. (MIRA 11:10)
(Blasting)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, P.Ya., dotsent

Some problems in the organization of mine construction. Izv.vys. ucheb.zav.; gor.zhur. no.3:35-44 '61. (MIRA 15:4)

1. Donetskiy politekhnicheskiy institut imeni N.S.Khrushcheva; rekomendovana kafedroy provedeniya gornykh vyrabotok Donetskogo politekhnicheskogo instituta.
(Donets Basin—Coal mines and mining)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

LEYBOV, R.M., prof., doktor tekhn. nauk, red.; OGLOBLIN, D.N., prof., doktor tekhn. nauk, red.; NAYDYSH, A.M., prof., red.; KSENOFONTOVA, A.I., prof., red.; MEDVEDEV, B.I., dots., red.; TARANOV, P.Ya., dots., red.; LEYYUOV, R.M., prof., red.; SHTOKMAN, I.G., prof., red.; POLESIN, Ya.L., otv. red.; YEROKHIN, G.M., tekhn. red.

[Safety measures in the coal industry] Tekhnika bezopasnosti v ugol'noi promyshlennosti. Moskva, Gosgortekhizdat, 1963. 317 p. (MIRA 16:12)

1. Donetskiy politekhnicheskiy institut (for Taranov, Shtokman).
(Coal mines and mining—Safety measures)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, Petr Yakovlevich. KHANUKAYEV, A.N., prof., retsenzent; BUBOK, V.K., retsenzent; BOROVIKOV, V.A., retsenzent; KARPUNOV, Ye.G., retsenzent; MISNIK, Yu.M., retsenzent; SMIRNOV, N.A., retsenzent; RAZAMAT, V.V., retsenzent; SAVRASOV, L.M., retsenzent; YURMANOV, Yu.A., retsenzent; BABICHEV, N.S., retsenzent

[Blasting operations] Burovzryvnye raboty. Izd.2. Moskva, Nedra, 1964. 253 p. (MIRA 18:7)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, R.
USSR/Electronics - Short Waves Feb 52

"A Competition for Utilization of the 'Difficult' Bands," R. Taranov (UB5DSh)

"Radio," No 2, p 35

The 14-, 80- and 160-meter bands are rarely used because amateurs feel that they are not useful for long-distance communications. Suggests that a competition should be conducted to attract operators to work the "difficult" bands and thus take some traffic off the 40-m band.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARNOV, R.

Radio--Receivers and Reception

Competition in handling "difficult" radio bands. Radio, no. 2, 1952.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1952 [redacted], Uncl.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, B., inshener; SHEYKO, V., inshener; VOLKIN, P., (Losino-Petrovsk, Moskovskaya oblast'); FEKHTEL, K.; MIRONENKO, V.; ZUYEV, N.; SHOYKHET, A.

Accounts by participants. Radio no.10:18-20 '56. (MLRA 9:11)

1. Nachal'nik respublikanskogo radiokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Moldavskoy SSR (for Zuyev) 2. Starshiy inshener respublikanskogo radiokluba Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu Moldavskoy SSR (for Shovkhet).
(Radio, Shortwave--Competitions)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

67963
S/115/60/000/02/017/031
D002/D003

24.7600

AUTHORS: Taranov, S.G., Fevraleva, N.Ye.

TITLE: A Magnetic Induction Meter Based on the Hall Effect

PERIODICAL: Izmeritel'naya tekhnika, 1960, Nr 2, pp 33-35 (USSR)

ABSTRACT: This is a description of a new magnetic induction meter used for measuring the induction in magneto-electric devices. The device is shown in a diagram (Figure 1). The working principle is the following: A monocrystalline germanium pickup (1x2x0.15 mm) is placed in the field of the magnet whose induction is to be measured. The current flowing through the pickup is controlled by a resistance and checked by a milliamperemeter. The voltage due to Hall's effect is the measure of induction and is read on a millivoltmeter. The voltage magnitude can be calculated using the formula mentioned previously [Ref 1,2,3,4]. The pickup's sensitivity is 40 microvolts/oersted. The basic error does not exceed 1.7%, and the addi-

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

A Magnetic Induction Meter Based on the Hall Effect

tional errors are not more than 1.5%. The device was tested for stability for 6 months. The variations in readings did not exceed 0.8% with regard to the mean value of the induction. The difference between the induction values obtained by means of the impulse-induction method and those of the described device was not more than 2%. The device's graduation curve has a linear character, its linearity being disturbed only by the Gauss effect in the material of the pickup. There are 2 diagrams, and 8 references, 1 of which is German, 2 English, and 5 Soviet.

Card 2/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

9,4370

AUTHOR: [illegible]ov, [illegible]

TITLE: Design of compensation circuits for Hall [illegible]

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut [illegible] - niky. Sbornik trudov, v. 16, 1961. [illegible] izmereniy, 35-44

TEXT: The author discusses methods of compensating for the effect of temperature and magnetic field on Hall-effect devices and associated circuits. Germanium and indium arsenide are considered as probe materials and the latter is preferred because it [illegible] ar current-voltage characteristic, low magnetoresistance [illegible] Hall e.m.f. does not depend strongly on temperature. Two circuits (one bridge, the other series-parallel) are suggested for compensation of changes of the electrical resistance of the [illegible] temperature. Detailed design calculations are given for a third (bridge) circuit intended for compensation of the effect of [illegible]

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Design of compensation ... S/716/61/013/000/[illegible]
B207/B301

netic field on the resistance on the voltage circuit of the [illegible].
There are 4 figures and 7 Soviet-bloc references.

V/B

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

35285
S/115/61/016/000/007/010
D207/D301

9.4370

AUTHOR: Taranov, S. G.

TITLE: Use of indium arsenide in Hall probes

SOURCE: Akademiya nauk Ukrayins'koyi RSR. Instytut elektrotekhniky. Sbornik trudov, v. 16, 1961. Voprosy magnitnykh izmereniy, 5[illegible]-62

TEXT: The author describes preparation and properties of a Hall probe made of indium arsenide. The material was supplied by the Gosudarstvennyy nauchno-issledovatel'skiy institut redkometallicheskoy promyshlennosti (State Scientific Research Institute for the Rare-Metal Industry). The probe was made of a 4 x 2 x 0.5 mm polished plate and electrodes were soldered to the probe with indium. The relative change in the electrical resistance of the probe on application of 10^4 G was 0.[illegible]. The resistance varied with temperature at the rate of 3.6% per 10 deg C, as compared with 2% per 10 deg C reported for indium antimonide probes. The maximum permi-

X

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Use of Indium ...

sible overheating of the probe (due to Joule heat of the current flowing through it) was 10 deg C corresponding to I_{max} = 1.0 A. The current-voltage characteristic of the probe was linear because of weak dependence of the electrical resistance on temperature. The sensitivity of the probe at I_{max} = 1.0 A was 6.7 μV/Oe. The relative change in the Hall e.m.f. with temperature, in the 20 - 80°C range, did not exceed 1% per 10 deg C. The effects of non-equipotential positions of the electrodes and of rectification by the electrodes in a.c. measurements are discussed and methods for their reduction are considered. It is concluded that indium arsenide is a suitable material for Hall-effect devices because of the high stability of its properties under the action of temperature ... magnetic fields. There are 4 figures and 8 references: 6 Soviet-bloc and 2 non-Soviet-bloc.

Card 2/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

35287
S/716/61/018/000/013/[illegible]
D207/D301

24.2200 (1147, 1164, 1482)

AUTHORS: Pevr[illegible]leva, [illegible] and [illegible]nov, [illegible]

TITLE: [illegible] the Hall effect to determining the [illegible] force of soft magnetic materials

SOURCE: [illegible] Ukrayins'koyi RSR. Instytut [illegible] niky. Sbornik trudov, v. 13, 1961. Vopros[illegible] izmereniy, 102-106

TEXT: The authors describe an instrument for measuring the [illegible] [illegible] force of soft magnetic materials, such as [illegible] from the [illegible] former steel (H_c = 0.1 - 5 Oe). A sheet sample [illegible] solenoid, along the latter's axis. The sample is [illegible] with the solenoid and then gradually demagnetized. The [illegible] ing field which reduces the sample magnetization to zero [illegible] to be the coercive force H_c. The sample magnetization is [illegible] with a Hall probe consisting of several thin plates of [illegible]

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Applying the Hall effect ...

Its sensitivity is 31.3 μV/Oe. Corrections [illegible] fields of the earth and of the probe circuit. [illegible] methods for improving the sensitivity of the instrument so that it could measure the coercive force of Permalloy : H_c = 0.01 - 3.0 Oe.

There are 3 figures and 5 Soviet-bloc references.

Card 2/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

AUTHORS: [illegible] and [illegible], [illegible]

TITLE: An instrument for quality control of [illegible] its permeability

SOURCE: Akademiya nauk [illegible]. [illegible] v. 18, [illegible] niky. Sbornik trudov, v. 18, [illegible] izmereniy, 119-121

TEXT: The authors describe an instrument for [illegible] alloy samples, whose coercive force is too high [illegible] [illegible]ually measured is the permeability : low [illegible] that a sample has high coercive force and [illegible] rejected. Permeability μ is measured by means of a [illegible] in which the unbalance current is almost linear [illegible] μ. Two adjacent arms of the bridge are coils with [illegible] [illegible] (PEL) wire of 0.29 mm diameter; the two other arms [illegible] resistors. A standard Permalloy sample with known coercive force [illegible]

Card 1/2

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Card 2/2

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

FEVRALEVA, N.Ye.; TARANOV, S.G.

Application of the Hall effect in instruments for the testing of ferromagnetic materials. Trudy inst. Kom.stand.mer i izm. prib no.64: 111-115 '62. (MIRA 16:5)
(Ferromagnetism--Testing) (Hall effect)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

S/711/61/0[illegible]
D207/D301

AUTHORS: [illegible], and [illegible]enko, [illegible]

TITLE: An instrument for quality control of [illegible] its permeability

SOURCE: [illegible] nauk Ukrayins'koyi RSR. [illegible] Sbornik trudov, v. 18, 1961. [illegible] izmereniy, 119-121

TEXT: The authors describe an instrument for rejection of [illegible] alloy samples, whose coercive force is too high. The [illegible] tually measured is the permeability : low permeability [illegible] that a sample has high coercive force and therefore [illegible] rejected. Permeability μ is measured by means of a bridge circuit in which the unbalance current is almost linearly proportional to μ. Two adjacent arms of the bridge are coils with 10,000 turns of [illegible] (PEL) wire of 0.29 mm diameter; the two other arms are ohmic resistors. A standard Permalloy sample with known coercive force

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

An instrument for ...

is placed in one of the coils. A test sample is placed in the other coil. The measuring part of the apparatus (UB-62) is used as the bridge indicator. A rectifier with [illegible] (D.V) diodes is used in the power pack. The instrument is suitable for testing Permalloy sheet of 0.2 - 1 m. thickness under factory conditions. There are 1 figure and 2 Soviet-bloc references.

Card 2/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, V. (Gor'kiy)

Electronics aids students of foreign languages. Radio no.10:50 O '57. (MIRA 10:10)

(Language and languages--Study and teaching)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, V. A.

24208 TARANOV, V. A. Rezektsiya semyaprovoda barana. Karakulevodstvo i zverovodstvo, 1949, No. 4, S. 75-76.

SO: Letopis, No. 32, 1949.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, V.A.

Twenty-five years of veterinary service in Tajikistan. Veterinariia 32 no.5:95-96 My '55. (MLRA 8:7)
(TAJIKISTAN--VETERINARY MEDICINE)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, V.A.

Relationship between a gravity anomaly and height in obtaining mean gravity characteristics of large areas. Trudy TSNIIGAIK no.145:71-76 '62. (MIRA 15:11)

(Gravity)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 25294-65 EWT(1)/EWG(v) Po-4/Pe-5/Pq-4/Pg-4 GW

ACCESSION NR: AP5003527 S/0006/64/000/012/0009/0013

AUTHORS: Pellinen, L. P.; Taranov, V. A.; Shabanova, A. I.

TITLE: Computation of the gravimetric heights of the quasigeoid and deflections of the plumb line with a Ural-1 electronic computer

44
B

SOURCE: Geodeziya i kartografiya, no. 12, 1964, 9-13

TOPIC TAGS: computer, geoid, gravity anomaly, Ural 1 computer

ABSTRACT: Programming for the computations and the actual computations on the Ural-1 computer were carried out at the laboratory of geodetic calculations at TsNIIGAiK. Gravimetric heights and plumb-line deflections were calculated according to formulas of Stokes and Vening-Meinesz, but with consideration of the free-air anomaly. Integration of the fundamental equations was made for a spherical angle of 39° (about 4000 km). At this value the Stokes function passes through zero. The zone of integration within the sperical angle of 39° is so large that numerical integration is impossible on the Ural-1 computer for standard trapezoids of a single size. The zone was therefore broken down into three parts, differing in size of the standard trapezoids. Subzone 3 is an inner circular zone with a radius of 305 km. Subzone 2 is square, surrounds the inner zone, and is

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 25294-65

ACCESSION NR: AP5003527

20° on a side. Subzone 2 is the remainder of the zone having a radius of 39°. Expressions were obtained for effects of the anomaly in each zone, for the free-air anomaly, and for the weighting coefficient. For subzone 1, one component of the anomalous effect can be computed in 12 minutes. The other two components in this subzone take about 20 minutes together. It takes 30 minutes to compute the table of weighting coefficients, about 20 seconds for a single gravimetric characteristic. The author concludes that this method of computing deflections of the plumb line is as accurate as the template method. The values obtained for gravimetric heights of the quasigeoid are suitable for interpolations in the astronomical-geodetic heights of the quasigeoid between lines of astronomical-gravimetric leveling of high precision. Orig. art. has: 2 figures and 8 formulas.

ASSOCIATION: none

SUBMITTED: 00 ENCL: 00 SUB CODE: ES, DP

NO REF SOV: 004 OTHER: 000

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, V.G.; KREMPOL'SKIY, V.F.

Progress of socialist competition in honor of the 22d Congress of the CPSU in the Scientific-Editorial Map-making Section. Geod. i kart. no.9:48-49 S '61. (MIRA 14:9)
(Cartography)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

RUSSKIKH, L.K., inzh.; TARANOV, V.M., inzh.

Hydraulic press for capron casting. Sudostroenie 29 no.3:56 Mr '63. (MIRA 16:4)

(Plastics--Molding)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, V. V.

TARANOV, V. V. — "Influence of Method of Preparing the Seedling in Nutritive Peat Cubes on the Harvest of Tomatoes." Latvian Agricultural Academy, 1954 (Dissertation for the Degree of Candidate of Agricultural Sciences)

SO: Izvestiya Ak. Nauk Latviyskoy SSR, No. 9, Sept., 1955

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, Vladimir Vasil'yevich; GRYAZNOV, V.I., red.; PYATAKOVA, N.D., tekhn.red.

[Statistics of new equipment and technological process in U.S.S.R. industry] Statistika novoi tekhniki v promyshlennosti SSSR. Moskva, Gos.stat.izd-vo, 1959. 91 p. (MIRA 13:1)
(Industrial statistics)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, Vasiliy Vasil'yevich, kand. sel'khoz. nauk; GOLOMYSOV, F.S., red.; BARANOVA, L.G., tekhn. red.

[Vegetable growing for canning]Vyrashchivanie ovoshchei dlia konservirovaniia. Leningrad, Sel'khozizdat, 1962. 179 p. (MIRA 16:4)
(Vegetable gardening) (Canning and preserving)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

KHAN, B.Kh.; TARANOV, Ye.D.; YEMEL'YANENKO, Yu.G.

Improving the technology of converter steel deoxidation. Lit. (MIRA 14:10)
proizv. no.11:44-45 N '61.
(Steel--Metallurgy)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

KHAN, B. Kh., kand. tekhn. nauk; TARANOV, Ye. D., insh.

Improving steel smelting processes for shaped castings.
Mashinostroenie no.5:44-47 S-O '62. (MIRA 16:1)

1. Institut liteynogo proizvodstva AN UkrSSR.

(Steel castings)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

KHAN, B.Kh.; TARANOV, Ye.D.; Prinimali uchastiye: ALEKSANDROVICH, L.B.; GITARTS, G.M.; KLIBUS, Yu.V.; NOSOVA, Ye.M.; REZENBLAT, I.M.; KHACHT, A.I.

Deoxidation and alloying of acid electric steels in the ladle. Izv. vys. ucheb. zav.; chern. met. 6 no.4:50-55 '63. (MIRA 16:5)

(Steel—Electrometallurgy)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

FIKSEN, K.V., kand. tekhn. nauk; TARANOV, Ye.D., inzh.; SHISHKA, G.D., inzh.

Deoxidation of steel with ferroaluminum for shaped castings.
Mashinostroenie no.2:55-56 Mr-Ap '65. (MIRA 18:6)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

KAGANOVICH, Yu.Ya.; ZLOBINSKIY, A.G.; KHRABROVA, N.I.; DOLBNIN, A.V.; IVANOV, A.A.; MATUSYAK, B.I.; MASSOV, Ya.A.; TARANOV, Ye.S.

Drying of yeast feeds in the fluidized bed. Gidroliz. i lesokhim. prom. 16 no.6:3-4 '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut galurgii (for Kaganovich, Zlobinskiy, Khrabrova). 2. Gosudarstvennyy institut po proyektirovaniyu gidroliznykh zavodov (for Dolbnin, Ivanov, Matusyak, Massov, Taranov).

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOV, Yu. I.; MAYYER, R. M.; SOROKIN, G. V.

Outlook for working with more than one rig at the same time in drilling blastholes in underground workings. Gor. zhur. no.11:7-10 N '62. (MIRA 15:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut tsvetnoy metallurgii (for Taranov, Mayyer). 2. Leninogorskiy polimetallicheskiy kombinat (for Sorokin).

(Boring—Labor productivity)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

BRICHKIN, A.V.; TARANOV, Yu.I.

Comparative evaluation of the efficiency of roller and pneumatic percussion boring machines. Trudy Inst. gor. dela AN Kazakh.SSR 12:30-36 '63. (MIRA 17:8)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 22725-66

ACC NR: AP6002928 SOURCE CODE: UR/0286/65/000/024/0088/0088

AUTHORS: Trakhtenberg, L. I.; Taranov, Yu. M.

ORG: none

TITLE: A vacuum gauge[10] Class 42, No. 177122

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 24, 1965, 88

TOPIC TAGS: vacuum gage, pressure sensor, thermocouple

ABSTRACT: This Author Certificate presents a vacuum gage provided with a thermocouple pressure sensor, and a magnetic electric-discharge pressure sensor. The unit also contains a shunt, connected in series to the discharge gap circuit, and a voltage meter. The design provides a continuous and unique dependence of the voltage on the pressure in the entire range of measurements. The vacuum gage is connected to a reference voltage source compensating the voltage which drops in the shunt. This voltage source is connected in series between the shunt and the thermocouple (see Fig. 1). The gage also has a relay, the contacts of which are connected in series with the thermocouple and the voltage meter. These contacts shunt the magnetic electric-discharge sensor. The relay winding is

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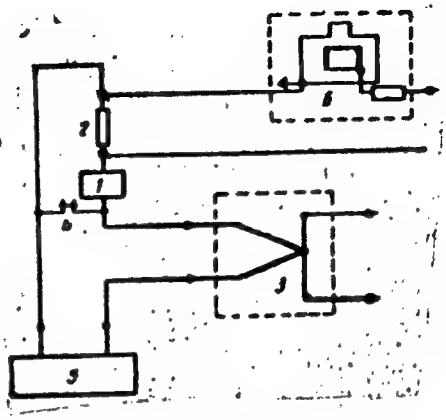
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 22725-66

ACC NR: AP6002928

Fig. 1. 1 - Reference voltage source; 2 - shunt; 3 - thermocouple sensor; 4 - relay contacts; 5 - voltage meter; 6 - magnetic electric-discharge sensor.



connected to the voltage meter circuit. Orig. art. has: 1 figure.

SUB CODE: 13/ SUBM DATE: 17Aug64

Card 2/2 UDC

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

MUSTAFAYEV, B.R.; TARANOV, Z.Ye.; CHERNIKOV, Yu.V.

New method for manufacturing bronze bushings. (MIRA 14:7)
Sbor.rats.predl.vnedr.v proizv. no.1:19 '61.

1. Azerbaydzhanskiy truboprokatnyy zavod.
(Founding)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

ZARAYEVA, A. I.

Sharpenak and O. N. Balashova, 1. "Amino acid [illegible] proteins from vegetable products,"--2. "Diamine acid, histidine, tyrosine, tryptophan and cystine content of wheat proteins,"--3. "Diamine acid, histidine, tyrosine, tryptophan and cystine content of rice proteins,"--4. "Diamine acid, histidine, tyrosine, tryptophan and cystine content of 30-percent wheat flour proteins,"--5. "Diamine acid, histidine, tyrosine, tryptophan and cystine content of rye flour proteins,"--6. O. N. Balashova and A. I. Zaranova, "Arginine, lysine, histidine, tyrosine, tryptophan and cystine content of potato, cabbage and carrot proteins,"-- O. N. Balashova, A. I. Zaranova, and L. A. Corozhenkina, 7. "Arginine, lysine, histidine, tyrosine, tryptophan and cystine content of the proteins of the meat and liver of the sheep,"--8. "Diamine acid, histidine, tyrosine, tryptophan and cystine content of codfish proteins," Nauch. trudy Instituta pitaniya (Akad. med. nauk SSSR), Moscow, 1949, p. 86-112 --Bibliog: 23 items

So: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 13, 1949)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

CA

11 E

Amino acid content of proteins of soybeans, string beans, and lentils. A. I. Taranova. *Gigiena i Sanit.* 1951, No. 8, 38–40.—Soybean proteins compare favorably in the content of arginine, histidine, lysine, tyrosine, tryptophan, and cystine with that found in meat protein. String bean product is low in tryptophan and arginine and high in cystine and tyrosine, while lentil protein is high in arginine and cystine but low in histidine and tryptophan. The quality of the product and conditions of growth appear to affect the amino acid content. G. M. Kondakoff

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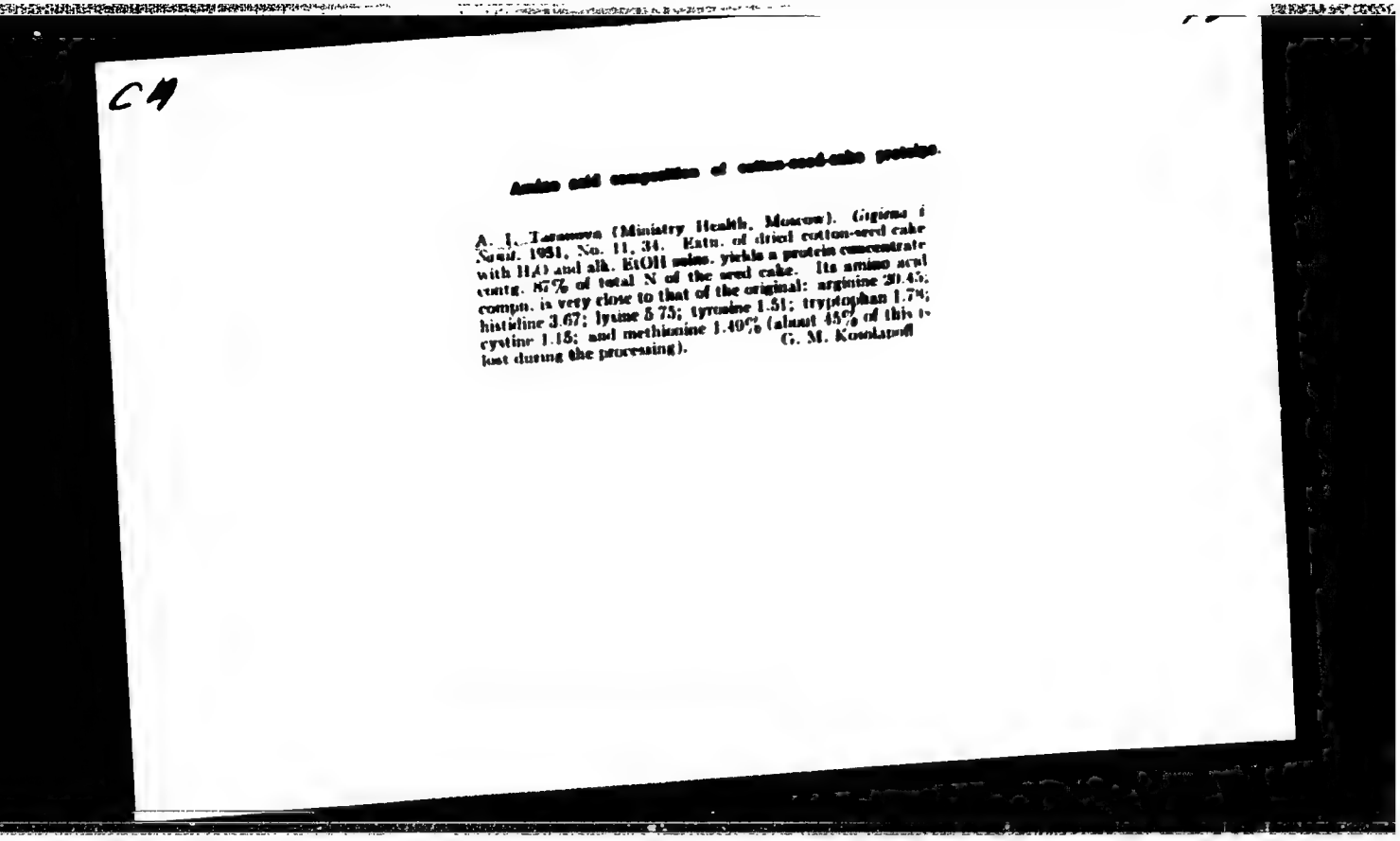
"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9



C4

Amino acid composition of cotton-seed-cake protein.

A. I. Ivanova (Ministry Health, Moscow). *Gigiena i Sanit.* 1951, No. 11, 34. Extn. of dried cotton-seed cake with H_2O and alk. EtOH subs. yields a protein concentrate contg. 87% of total N of the seed cake. Its amino acid compn. is very close to that of the original: arginine 20.45; histidine 3.67; lysine 5.75; tyrosine 1.51; tryptophan 1.7%; cystine 1.15; and methionine 1.40% (about 45% of this is lost during the processing). G. M. Kosolapoff

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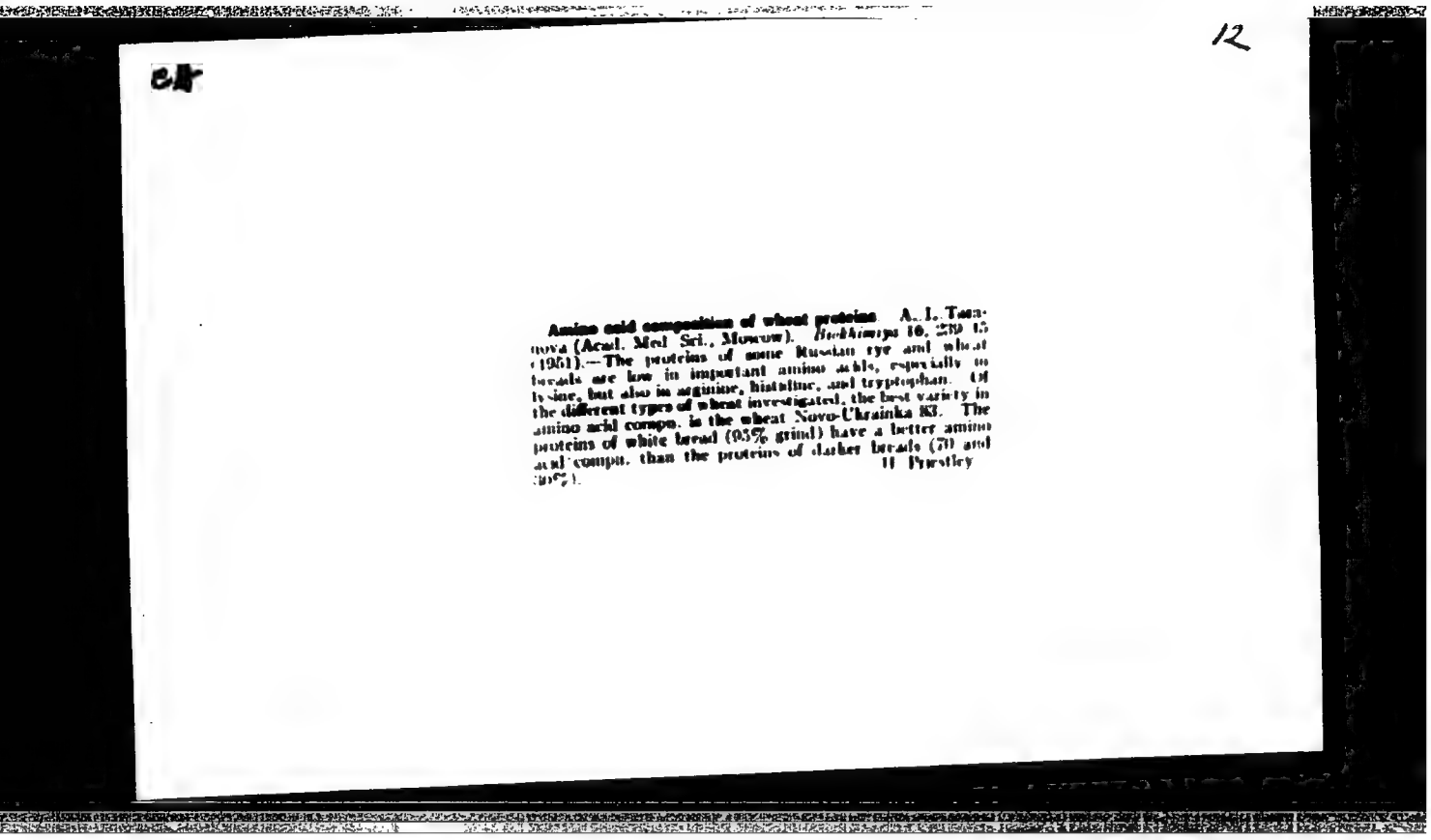

12

Amino acid composition of wheat proteins. A. I. Tsaregorodtseva (Acad. Med Sci., Moscow). *Biokhimiya* 16, 289-95 (1951).—The proteins of some Russian rye and wheat breads are low in important amino acids, especially in lysine, but also in arginine, histidine, and tryptophan. Of the different types of wheat investigated, the best variety in amino acid compn. is the wheat Novo-Ukrainka 83. The proteins of white bread (95% grind) have a better amino acid compn. than the proteins of darker breads (70 and 100%). H Pyrtley

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOVA, A. I.

TARANOVA, A. I. -- "Amino-Acid Composition of Wheat Proteins in Relation to the Grade, Place of Growth, and Milling." Sub 8 Oct 52, Acad Med Sci USSR. (Dissertation for the Degree of Candidate in Biological Sciences).

SO: Vechernaya Moskva January-December 1952

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOVA A.F.

The amounts of arginine, histidine, lysine, tyrosine, tryptophan, and cystine in the protein of different kinds of meat and fish. A. I. Taranova, E. S. Al'bova, and L. S. Gromikhina (Nutrition Inst., Acad. Med. Sci. U.S.S.R., Moscow). *Voprosy Pitaniya* 14, No. 5, 27–35(1955).—The amt. of total N and the compn. in terms of the 6 amino acids are tabulated for 24 kinds of meat from domestic birds and animals, 20 kinds of fish and fish products, and also seal, lobster, dolphin, and crab. The fish proteins contain slightly more lysine, tryptophan, and cystine, but less histidine than the meat proteins; the proteins of lobster and crab contain still more arginine and cystine than the fish proteins, while in terms of lysine they are equiv. to the proteins of meat.

E. Wierbicki

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

KALITEYEVSKIY, Rostislav Yevgen'yevich; TARAKANOVA, Aleksandra Aleksandrovna; TURETSKIY, Samuil V[illegible]'fovich; BAKHTEYAROV, V.I., red.

[Mechanized continuous sawmilling with the R63 log frame saws] Mekhanizirovannye potoki s lesopil'nymi ramami R63. Moskva, Izd-vo "Lesnaia promyshlennost'," 1964. 35 p. (MIRA 17:6)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

B

USSR/General Biology - Genetics. Genetics of Plants.

Abs Jour : Ref Zhur Biol., No 6, 1959, 23669

Author : Taranova, E.
Inst : -
Title : The Influence of the Time of Pollinization on the Manifestation of Parental Characteristics in Apple Hybrids.

Orig Pub : Latv. PSR. Zinatnu Akad. Biol., inst. raksti, 1957, 4, 59-63

Abstract : Four varieties of apple trees (Baravinka, Trebu, Malus baccata and Paul Imperial) were pollinated with pollen of Belfler and Signe Tilish varieties and with a mixture of their pollen three times: 1-2 days before petal unfolding (unripe stigma), 2-3 days after petal unfolding (ripe stigma), and 5-6 days after petal unfolding, when drying of stigma began. The best setting of seeds and their germination were noted in the first pollination. Dark-green staining of leaves, characteristic for

Card 1/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

USSR/General Biology - Genetics. Genetics of Plants. B

Abs Jour : Ref Zhur Biol., No 6, 1959, 23669

Signe Tilish variety, appeared best of all in the 2nd and 3rd pollination. -- T.K. Lepin

Card 2/2

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOVA, E.

GENERAL

PERIODICALS: VESTIS, No. 8, 1958

TARANOVA, E. Inheritance of resistance in hybridapple tree seedings to scab. In Russian. p. 51

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2, February 1959, Unclass.

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

OZOLS, A., akad.; TARANOVA, E., kand. sel'khoz. nauk; PETERSONS, E., kand. sel'khoz. nauk; ROZE, K., kand. sel'khoz. nauk; BERZINA, L., red.; BONDARE, A., tekhn. red.

[Instructions on hybridization of fruits, berries, vegetables, and potatoes] Metodiski norādījumi augu hibridizacija auglu koki, ogu kulturas, dārzeni un kartupeli. Rīga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1960. 88 p. [In Latvian] (MIRA 14:12)

1. Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Biologijas institūts. 2. Akademiya nauk Latviyskoy SSR (for Ozols). (Hybridization, Vegetable)

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

TARANOVA, G. M.

"Some Problems of Hydrodynamics of a Viscous Fluid with Division Boundaries between Two Liquid Phases." Min Higher Education RSSR, Khar'kov State U imeni A. M. Gor'kiy, Khar'kov, 1955. (Dissertation for the Degree of Candidate in Physical and Mathematical Sciences)

SO: M-955, 16 Feb 56

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

10(2), 10(4) SOV/155-58-2-25/47

AUTHOR: Taranova, G.M.

TITLE: Invariants of the Axial-Symmetric Anisotropic Theory of Turbulence (Invariant teorii aksial'no-simmatrichnoy anizotropnoy turbulentnosti)

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1958, Nr 2, pp 114-116 (USSR)

ABSTRACT: Let the appearance of turbulent disturbances be described by the equations of Friedman-Keller; let the Q_{ij} be the moment functions. It is shown that for an axial-symmetric turbulence the integral

$$\int_v Q_{ij}\,\xi_i\,\xi_j\,d\tau = -\int_0^\infty \int_{-1}^{1} [(1-\mu^2)Q_2 + 2Q_1]\,r^4\,dr\,d\mu$$

remains invariant during the whole time. Here $\mu = \cos(\vec{r},\vec{\lambda})$, $r^2 = \xi_i^2$, $\xi_i = x_i - x_i'$, $\vec{\lambda}$ - unit vector of the axis of symmetry of the anisotropy, $d\tau = r^2 dr\,d\mu$, $\int_v$ - volume integral over μ from -1 to +1 and r from 0 to ∞; Q_1, Q_2 - correlation functions.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

Invariants of the Axial-Symmetric Anisotropic Theory of Turbulence SOV/155-58-2-25/47

There are 3 references, 2 of which are Soviet, and 1 English.

ASSOCIATION: Khar'kovskiy gosudarstvennyy institut (Khar'kov State Institute)

SUBMITTED: January 24, 1958

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

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SOV/155-59-1-19/30

AUTHOR: Taranova, G.N.

TITLE: The Application of the Theory of the Axial Symmetric Turbulence to the Problem of the Turbulent Trace

PERIODICAL: Nauchnyye doklady vysshey shkoly. Fiziko-matematicheskiye nauki, 1959, Nr 1, pp 126-129 (USSR)

ABSTRACT: The papers of the Academician A.N. Kolmogorov on the local turbulence and investigations of the axial symmetric turbulence of Chandrasekar are used in order to investigate the question concerning the turbulent trace not semi-empirically according to Prandtl-Karman but rigorously with the aid of corresponding correlation and momentum functions. For the simplest case of a point source the author considers two problems :
1. The trace is understood as a domain being in the state of developed turbulence, and a solution is given which describes a further degeneration and timely variation of this domain; 2. The timely development of the turbulent trace with consideration of the motion of the point source is investigated.
The author mentions L.G. Loytsyanskiy, and Millionshchikov.

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

67514

The Application of the Theory of the Axial Symmetric Turbulence to the Problem of the Turbulent Trace SOV/155-59-1-19/30

She thanks Professor V.L. German for the theme and advices. There are 6 references, 3 of which are Soviet, 2 English, and 1 American.

ASSOCIATION: Khar'kovskiy aviatsionnyy institut (Khar'kov Aviation Institute)

SUBMITTED: January 24, 1958

Card 2/2

APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

S/147/59/000/04/020/020
E031/E613

AUTHOR: Zolotukhin, V.E.

TITLE: The Scientific-Technical Conference at Khar'kov Aviation Institute

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Aviatsionnaya tekhnika, 1959, Nr 4, pp 161-165 (USSR)

ABSTRACT: In May 1959, the 16th Conference of Professorial and Teaching Staff took place.

Mathematics and Mechanics Section. The following papers were read: "A Spectral Representation of the Theory of Axisymmetric Turbulence" by Candidate of Physical and Mathematical Sciences G.N.Taranova; "Some Evaluations for Functions with Positive Real Parts" by Assistant G.S.Shpak; "Existence, Uniqueness and Correctness Theorems for Mixed Systems of Functional Equations" by Docent, Candidate of Physical and Mathematical Sciences M.N.Tikhov; "On the Application of Ball and Chebyshev Points to the Solution of Some Problems in the Synthesis of Four Bar Linkages" by Docent, Candidate of Physical and Mathematical Sciences Ya.L.Geronimus; "The Influence of the Structural Properties of Functions on the Convergence Almost Everywhere of their Conjugate Fourier Series" by Docent, Candidate of Physical and Mathematical Sciences B.L.Golinskiy.

General Technological Section. The following papers were read: "The Relation Between the Compton Length of Waves, the Length of de Broglie Waves and the Acceleration Potential for High Energy Particles" by Docent, Candidate of Physical and Mathematical Sciences I.Ya.Mints; "The Problem of Determining the Heat Transfer Coefficient of Conductors" by Senior Instructor P.P.Berudlov; "An Electron-Graphical Method of Investigating the Structure of Matter" by Assistant I.Ya.Surovtsev; "On the Results of the VIIIth Mendeleyev Congress of Chemists of the USSR" by Docent, Candidate of Chemical Sciences E.I.Krech.

Electrical and Radio Technology Section. The following papers were read: "On the Problem of the Optimum Passage of Transients in an Electric Drive with a Controlling Exciter" by Docent, Candidate of Technical Sciences M.M.Perel'muter; "The Experimental Determination of the Reactances in Synchronous Machines" by Senior Instructor S.V.Khmel'nitskiy; "An Experimental Method of Investigating Electric Fields" by Assistant A.I.Lopatin; "A Discrete Transformer of Current into Code Signals with Magneto-Electric Comparison Units" by Docent, Candidate of Technical Sciences G.M.Butayev; "The Application of Infrared Instruments in Aviation" by Docent, Candidate of Technical Sciences I.D.Artamonov.

General Engineering Section. "The Adaptation of a Thermobaric Chamber to the Simulation of the Sinking of a Mine Shaft in Quicksand and Certain Results of Investigations to Determine the Mechanical Characteristics of Sand at Different Temperatures and Humidities" by Docent, Candidate of Technical Sciences S.V.Nlyashenko; "Friction and Abrasion in Cermets" by Docent, Candidate of Technical Sciences O.I.Goldayeva; "The Construction of Multi-Satellite Planetary Gears" by Assistant V.A.Tkachenko; "The Influence of Work Hardening on the Fatigue of Threaded Connections" by Assistant V.M.Rudchenko; "Investigation of Cermets Slide Bearings" by Assistant A.S.Ffevan.

Card 3/11

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"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

L 27088-66 EWT(1)/T IJP(c)

ACC NR: AP6006431 SOURCE CODE: UR/0420/65/000/003/0014/0019

26
B+1

AUTHOR: Borisenko, L. N.; Taranova, G. M.

ORG: none

TITLE: On the instantaneous acceleration center of a free solid

SOURCE: Samoletostroyeniye i tekhnika vozdushnogo flota, no. 3, 1965, 14-19

TOPIC TAGS: acceleration, solid kinematics

ABSTRACT: The authors present and discuss three methods of obtaining the instantaneous center of acceleration of a free solid. The theoretical solution of this problem entails very complicated derivations. Consequently simpler methods are of interest. The methods described were developed at the Seminar of the Theoretical Mechanics Department of the Khar'kov Aviation Institute. All three methods involve determination of the location of the instantaneous center by determining the projections of its vector relative to a specified origin, but the reference frames and the projections are different in the three methods. One of the methods was proposed by Professor Ya. L. Geronimus, the second by G. M. Taranova, and the third by L. N. Borisenko. Orig. art. has: 6 figures and 15 formulas.

SUB CODE: 20, 12/ ORIG REF: 002/ DATE SUBM: 00

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APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9"

"APPROVED FOR RELEASE: 07/13/2001 CIA-RDP86-00513R001754910014-9

VOROSHILOVA, M.K.; TARANOVA, G.P.

Evaluation of a serological examination of infants vaccinated during their neonatal stage with live poliomyelitis vaccine prepared from Sabin's strains. Vop. virus. 6 no.6:700-704 N-D '61. (MIRA 15:2)

1. Institut poliomiyelita i virusnykh entsefalitov, Moskva.
(POLIOMYELITIS VACCINE)

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